

S10.10 *End fitting corrosion resistance test.* Conduct the test specified in S6.9 using a vacuum brake hose assembly.

S11. *Test conditions.* Each hose assembly or appropriate part thereof shall be able to meet the requirements of S5., S7., and S9. under the following conditions.

S11.1 The temperature of the testing room is 75° F.

S11.2 Except for S6.6, S8.2, and S10.2, the test samples are stabilized at test room temperature prior to testing.

S11.3 The brake hoses and brake hose assemblies are at least 24 hours old, and unused.

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EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 571.106, see the List of CFR Sections Affected in the Finding Aids section of this volume.

§ 571.107 [Reserved]

§ 571.108 Standard No. 108; Lamps, reflective devices, and associated equipment.

S1. *Scope.* This standard specifies requirements for original and replacement lamps, reflective devices, and associated equipment.

S2. *Purpose.* The purpose of this standard is to reduce traffic accidents and deaths and injuries resulting from traffic accidents, by providing adequate illumination of the roadway, and by enhancing the conspicuity of motor vehicles on the public roads so that their presence is perceived and their signals understood, both in daylight and in darkness or other conditions of reduced visibility.

S3. *Application.* This standard applies to:

(a) Passenger cars, multipurpose passenger vehicles, trucks, buses, trailers (except pole trailers and trailer converter dollies), and motorcycles;

(b) Retroreflective sheeting and reflex reflectors manufactured to conform to S5.7 of this standard; and

(c) Lamps, reflective devices, and associated equipment for replacement of like equipment on vehicles to which this standard applies.

S4. *Definitions.*

Aiming Reference Plane means a plane which is perpendicular to the longitudinal axis of the vehicle and tangent to

the forwardmost aiming pad on the headlamp.

Beam contributor means an indivisible optical assembly including a lens, reflector, and light source, that is part of an integral beam headlighting system and contributes only a portion of a headlamp beam.

Cargo lamp is a lamp that is mounted on a multipurpose passenger vehicle, truck, or bus for the purpose of providing illumination to load or unload cargo.

Cutoff means a generally horizontal, visual/optical aiming cue in the lower beam that marks a separation between areas of higher and lower luminance.

Direct reading indicator means a device that is mounted in its entirety on a headlamp or headlamp aiming or headlamp mounting equipment, is part of a VHAD, and provides information about headlamp aim in an analog or digital format.

Effective projected luminous lens area means that area of the projection on a plane perpendicular to the lamp axis of that portion of the light-emitting surface that directs light to the photometric test pattern, and does not include mounting hole bosses, reflex reflector area, beads or rims that may glow or produce small areas of increased intensity as a result of uncontrolled light from small areas ($1/2$ deg. radius around the test point).

Filament means that part of the light source or light emitting element(s), such as a resistive element, the excited portion of a specific mixture of gases under pressure, or any part of other energy conversion sources, that generates radiant energy which can be seen.

Flash means a cycle of activation and deactivation of a lamp by automatic means continuing until stopped either automatically or manually.

Fully opened means the position of the headlamp concealment device in which the headlamp is in the design open operating position.

Headlamp concealment device means a device, with its operating system and components, that provides concealment of the headlamp when it is not in use, including a movable headlamp cover and a headlamp that displaces for concealment purposes.